

July 8, 1988

Docket No. 50-219

Mr. E. F. Fitzpatrick
Vice President and Director
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

Dear Mr. Fitzpatrick:

SUBJECT: ENVIRONMENTAL ASSESSMENT AND FINDING OF NO SIGNIFICANT IMPACT (TAC NO. 68198) - OYSTER CREEK NUCLEAR GENERATING STATION

Enclosed is a copy of an "Environmental Assessment and Finding of No Significant Impact" for your information. This assessment relates to your application dated May 10, 1988, for an amendment to change Sections 3.2, 4.2, and 6.9 of the Oyster Creek Nuclear Generating Station Technical Specifications to reflect the use of an enriched sodium pentaborate solution in the Standby Liquid Control System (SLCS).

This assessment has been forwarded to the Office of the Federal Register for publication.

Sincerely,

original signed by John Stolz
Alexander W. Dromerick, Project Manager
Project Directorate I-4
Division of Reactor Projects I/II

Enclosure:
As stated

cc: w/enclosure:
See next page

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Mr. E. E. Fitzpatrick
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear
Generating Station

cc:

Ernest L. Blake, Jr.
Shaw, Pittman, Potts and Trowbridge
2300 N Street, NW
Washington, D.C. 20037

Resident Inspector
c/o U.S. NRC
Post Office Box 445
Forked River, New Jersey 08731

J.B. Liberman, Esquire
Rishop, Liberman, Cook, et al.
1155 Avenue of the Americas
New York, New York 10036

Commissioner
New Jersey Department of Energy
101 Commerce Street
Newark, New Jersey 07102

Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, Pennsylvania 19406

Mr. David M. Scott, Chief
Bureau of Nuclear Engineering
Department of Environmental Protection
CN 411
Trenton, New Jersey 08625

BWR Licensing Manager
GPU Nuclear Corporation
1 Upper Pond Road
Parsippany, New Jersey 07054

Deputy Attorney General
State of New Jersey
Department of Law and Public Safety
36 West State Street - CN 112
Trenton, New Jersey 08625

Mayor
Lacey Township
218 West Lacey Road
Forked River, New Jersey 08731

Licensing Manager
Oyster Creek Nuclear Generating Station
Mail Stop: Site Emergency Bldg.
P. O. Box 388
Forked River, New Jersey 08731

U.S. NUCLEAR REGULATORY COMMISSIONGPU NUCLEAR CORPORATIONANDJERSEY CENTRAL POWER & LIGHT COMPANYOYSTER CREEK NUCLEAR GENERATING STATIONENVIRONMENTAL ASSESSMENT AND FINDING OFNO SIGNIFICANT IMPACT

The U.S. Nuclear Regulatory Commission (the Commission) is considering issuance of an amendment to Provisional Operating License DPR-16 issued to GPU Nuclear Corporation (GPUN, the licensee), for operation of the Oyster Creek Nuclear Generating Station, located in Ocean County, New Jersey.

ENVIRONMENTAL ASSESSMENTIdentification of Proposed Action:

The proposed amendment would revise Technical Specification Sections 3.2.C, 4.2.E, and 6.9.3 to reflect the use of an enriched sodium pentaborate solution in the Standby Liquid Control System (SLCS).

The proposed action is in accordance with the licensee's application for amendment dated May 10, 1988.

The Need for the Proposed Action:

The proposed change to the Technical Specifications is required in order for the licensee to comply with ATWS Rule (10 CFR 50.62), and Generic Letter 85-03 "Clarification of Equivalent Control Capacity for Standby Liquid Control Systems," dated January 28, 1985.

Environmental Impacts of the Proposed Action:

The Commission has completed its evaluation of the proposed revision to the Technical Specifications. The proposed revision would allow the licensee to use an enriched sodium pentaborate solution in the Standby Liquid Control System. The use of an enriched sodium pentaborate solution would not increase the probability or consequence of accidents, no changes are being made in the types of any effluents that may be released offsite, and there is no significant increase in the allowable individual or cumulative occupational radiation exposure. Accordingly, the Commission concludes that this action would result in no significant environmental impact.

With regard to potential non-radiological impacts, the proposed changes to the Technical Specifications involve systems located within the restricted area as defined in 10 CFR Part 20. It does not affect non-radiological plant effluents and has no other environmental impact. Therefore, the Commission concludes that there are no significant non-radiological environmental impacts associated with the proposed amendment.

The Notice of Consideration of Issuance of Amendment and Opportunity for Hearing in connection with this action was published in the Federal Register on June 3, 1988 (53 FR 20396). No request for hearing or petition for leave to intervene was filed following this notice.

Alternative to the Proposed Action:

It has been determined that there is no measurable impact associated with the proposed amendment; any alternatives to the amendment will have either no environmental impact or greater environmental impact.

Alternative Use of Resources:

This action does not involve the use of any resources beyond the scope of resources used during normal operation.

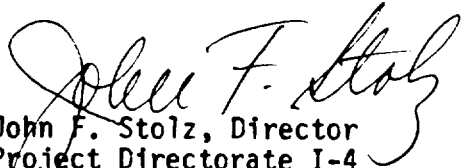
FINDING OF NO SIGNIFICANT IMPACT

Based upon the foregoing environmental assessment, the Commission concluded that the proposed action will not have a significant effect on the quality of the human environment. Accordingly, the Commission has determined not to prepare an environmental impact statement for the proposed amendment.

For further details with respect to this action, see the request for amendment dated May 10, 1988. Copies of the request for amendment are available for public inspection at the Commission's Public Document Room, 1717 H Street, N.W., Washington, D.C. and at the Ocean County Library, Reference Department, 101 Washington Street, Toms River, New Jersey 08753.

Dated at Rockville, Maryland, this 8th day of July 1988.

FOR THE NUCLEAR REGULATORY COMMISSION


John F. Stolz, Director
Project Directorate I-4
Division of Reactor Projects I/II